ABSTRACT

A system architecture and a method for management using a cellular architecture to allow multi-tier management of events such as the managing of the actual impact or the potential impact of IT infrastructure situations on business services. A preferred embodiment includes a high availability management backbone to frame monitoring operations using a cross-domain model where IT Component events are abstracted into IT Aggregate events. By combining IT Aggregate events with transaction events, an operational representation of the business services is possible. Another feature is the ability to connect this information to dependent business user groups such as internal end-users or external customers for direct impact measurement. A web of peer-to-peer rule-based cellular event processors preferably using Dynamic Data Association constitutes management backbone crossed by event flows, the execution of rules, and distributed set of dynamic inter-related object data rooted in the top data instances featuring the business services.

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